

20030805.qrp v03_n003.qrl.20030805

Date: Tue, 5 Aug 2003 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3003

QRP-L Digest 3003

Topics covered in this issue include:

- 1) [155429] W6ELProp
by Bruce Rattray <rattray@gpfn.sk.ca>
- 2) [155430] Re: Logging software and band output
by "Dave Ek" <ekdave@earthlink.net>
- 3) [155431] Re: Logging software and band output
by Anthony Luscre K8ZT <aluscre@neo.rr.com>
- 4) [155432] 88 foot doublet
by Rick McKee <kc8aon@juno.com>
- 5) [155433] Re: 88 foot doublet
by "Doc - W5TB" <w5tb@arrl.net>
- 6) [155434] Re: 88 foot doublet
by "Paul Valko" <w8kc@comcast.net>
- 7) [155435] Do you remember the Radio Shack book on digital ics?
by "Norman Schklar" <norman@schklar.com>
- 8) [155436] FS: Parts for mobile HV inverter (QRP Toob mobile rig?)
by Steve Smith <sigcom@juno.com>
- 9) [155437] Re: FCC Site
by "DTX" <dtx@wood.tzo.com>
- 10) [155438] 88' doublet
by Rick McKee <kc8aon@juno.com>
- 11) [155439] Re: Do you remember the Radio Shack book on digital ics?
by Peter Burbank <peterlee@qx.net>
- 12) [155440] Re: W6ELProp
by Larry Cahoon <lejek@erols.com>
- 13) [155441] Re: Do you remember the Radio Shack book on digital ics?
by "Larry - WA2DGD" <wa2dgd@comcast.net>
- 14) [155442] Re: Do you remember the Radio Shack book on digital ics?
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [155443] Re: Do you remember the Radio Shack book on digital ics?
by Al Scanandoah <k2zn@rochester.rr.com>
- 16) [155444] FS: PM3A Power Mite
by John Pfeifer - =?iso-8859-1?Q?KL=D8WN?= <qrp@johnpfeifer.com>
- 17) [155445] RE: 40M QRPp Beacon Final Results
by "Paul Stroud" <aa4xx@bellsouth.net>
- 18) [155446] Re: ogging software and band output
by Tim Groat <tcgroat@earthlink.net>
- 19) [155447] Re: FCC Site

- by K7VO <k7vo@earthlink.net>
- 20) [155448] Re: Do you remember the Radio Shack book on digital ics?
by "Tom Mc" <thom2@worldnet.att.net>
- 21) [155449] Re: FCC Site
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 22) [155450] Simple SWR Meter
by Jason Hissong <jhisson1@columbus.rr.com>
- 23) [155451] OT:Zaurus 3000 manual?
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 24) [155452] Re: ogging software and band output
by Dale Botkin <dale@botkin.org>
- 25) [155453] Wanted - RACAL 9058 Selective Analyzer Manual
by VE3JC John Cumming <jbcumming@wwdc.com>
- 26) [155454] Morse on 11 meters
by "Robert K. Henderson" <rkh@sympatico.ca>
- 27) [155455] Wanted: Mobile Antenna
by "Bill Jones" <kd7s@psnw.com>
- 28) [155456] FCC data base
by "Lee Mairs" <lmairs@direcway.com>
- 29) [155457] Re: Morse on 11 meters
by "Paul Valko" <w8kc@comcast.net>
- 30) [155458] Crystal radio project
by "pschweit" <pschweit@mninter.net>
- 31) [155459] Re: Morse on 11 meters
by "George, W5YR" <w5yr@att.net>
- 32) [155460] RE: Morse on 11 meters
by "Bob & Janet" <jbcraft@adelphia.net>
- 33) [155461] Spartan Sprint Results - K7RE
by Brian Kassel <K7RE@arrl.net>
- 34) [155462] Crystal set question
by Peter Burbank <peterlee@qx.net>
- 35) [155463] Re: Simple SWR Meter
by "Jerry Ford" <benlightnd13@mchsi.com>
- 36) [155464] Silicon Valley Peaks on the Air: Wed 8/6 @ 9 pm 28350kHz
by Brian Boschma <brianb@tdl.com>
- 37) [155465] FOUND Zaurus manual;need software
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 38) [155466] Re: FCC Site
by Rob Matherly <w0jrm@arrl.net>
- 39) [155467] Additional source of text for CW practice
by Chuck Adams <k7qo@commspeed.net>
- 40) [155468] Re: Morse on 11 meters
by Tom Severt <n2uhc@yahoo.com>
- 41) [155469] Re: FCC Site
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 42) [155470] Re: Simple SWR Meter
by Chuck Carpenter <w5usj@9plus.net>
- 43) [155471] Re: Do you remember the Radio Shack book on digital ics?

- by Bruce Muscolino <w6toy@erols.com>
- 44) [155472] Special offer from RU-QRP Club
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 45) [155473] SWR Meter Kit
by Jason Hissong <jhissn1@columbus.rr.com>
- 46) [155474] Re: Morse on 11 meters
by bob evinger <wd9eka@evinger.com>
- 47) [155475] Re: Morse on 11 meters
by "Mike Yetsko" <myetsko@insydesw.com>
- 48) [155476] Re: Simple SWR Meter
by "n2cx" <n2cx@voicenet.com>
- 49) [155477] Tick-1
by Jeremy Cowgar <jc@cowgar.com>
- 50) [155478] Re: Crystal radio project
by "John Sielke" <jsielke@pobox.com>
- 51) [155479] Re: Simple SWR Meter
by "n2cx" <n2cx@voicenet.com>
- 52) [155480] Re: Morse on 11 meters
by Dale Botkin <dale@botkin.org>
- 53) [155481] Re: Logging software and band output (PIC gadget)
by Dale Botkin <dale@botkin.org>
- 54) [155482] Re: Morse on 11 meters
by Alex <kr1st@amsat.org>
- 55) [155483] Re: Morse on 11 meters
by Alex <kr1st@amsat.org>
- 56) [155484] N O T I C E: NEQRP SSB NET TONITE 7:30PM EDST 7.285Mhz+- 5Khz
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 57) [155485] Re: Morse on 11 meters
by "Mike Yetsko" <myetsko@insydesw.com>
- 58) [155486] KITS: Freq Ref status 6 Aug 03
by "w8diz" <w8diz@cinci.rr.com>
- 59) [155487] RE: [Elecraft] Hakko 936-12 T/C Soldering Station - PRICE DROP!
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 60) [155488] [OT] Software search
by Chuck Adams <k7qo@commspeed.net>
- 61) [155489] Teaching Morse on-air, via CB or other
by "Robert K. Henderson" <rkh@sympatico.ca>
- 62) [155490] Re: [OT] Software search
by "John J. McDonough" <wb8rcr@arrl.net>
- 63) [155491] Re: [OT] Software search
by Jim Pruitt <PruittJ@cwu.EDU>
- 64) [155492] Re: [OT] Software search
by Paul <mooney@cytanet.com.cy>
- 65) [155493] Re: Spartan Sprint Results - K7RE
by "Mike Boatright" <ko4wx@mindspring.com>
- 66) [155494] American QRP Club Announces Kits for Kids Program
by "Doug Hendricks" <ki6ds@dospalos.org>
- 67) [155495] Re: [OT] Software search

- by Chuck Adams <k7qo@commspeed.net>
- 68) [155496] RE: Spartan Sprint Results - K7RE
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 69) [155497] RE: American QRP Club Announces Kits for Kids Program
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 70) [155498] LM386 problems
by Jeff Harris <jeffreyh@u.washington.edu>
- 71) [155499] Re: LM386 problems
by "Mike Yetsko" <myetsko@insydesw.com>
- 72) [155500] Re: LM386 problems
by "Thomas Kuehl" <ac7a@earthlink.net>
- 73) [155501] Re: American QRP Club Announces Kits for Kids Program
by "Doug Hendricks" <ki6ds@dospalos.org>
- 74) [155502] Re: American QRP Club Announces Kits for Kids Program
by "Bill Jones" <kd7s@psnw.com>
- 75) [155503] Re: Morse on 11 meters
by Tom Severt <n2uhc@yahoo.com>
- 76) [155504] Sniffer Kits Update + Sniffer Boards
by "Doug Hendricks" <ki6ds@dospalos.org>
- 77) [155505] Fox - Summer Fox Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 78) [155506] Re: FCC Site
by Larry Cahoon <lejek@erols.com>
- 79) [155507]
by Michael Goins <mgoins@usa.net>
- 80) [155508] OT: Antivirus Software
by "Thomas Kuehl" <ac7a@earthlink.net>

Date: Mon, 4 Aug 2003 16:56:02 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@LeHigh.EDU>
Subject: [155429] W6ELProp
Message-ID: <Pine.LNX.4.33.0308041654410.24055-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If I've read it right, this program assumes 100 watts on both ends of the path...is there a way to change this to 5 watts?...still reading...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 4 Aug 2003 17:11:08 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155430] Re: Logging software and band output
Message-ID: <000a01c35add\$b0ba56a0\$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

One could "easily" do this with, say, a PIC (or whatever your favorite microcontroller is...). They make PICS with USARTs and A/D converters. "Simply" hook the A/D to the radio, read the voltage, and then simulate the ICOM radio control protocol with the PIC (make the PIC act like it's an ICOM computer-controllable rig) to tell the software on the PC of the band switch. The USART allows you to send and receive serial data between the PC and the PIC. You'll need a MAX232 chip to convert TTL to RS232 levels and vice versa.

73 de Dave NK0E

Noah wrote:

My question is this: is there a hardware interface I can construct to translate those voltages into something that either of those two programs can read (CT, hopefully)? I only operate one mode per contest, so the only thing I have to switch when I QSY is the band, but it'd be nice if the software could automatically change bands when the rig does.

Date: Mon, 04 Aug 2003 19:23:04 -0400
From: Anthony Luscre K8ZT <aluscre@neo.rr.com>
To: NoahLorang@nc.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155431] Re: Logging software and band output
Message-ID: <3F2EEAD8.6030907@neo.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

From my website's project page -- <http://www.qsl.net/k8zt/projects.html>

VE1ADH's INTERFACE _^ / ^almost /ANY RADIO TO YOUR LOGGING COMPUTER!
<http://www.qsl.net/ve1adh/logint.html>

Noah Lorang wrote:

> Sending this to the two lists most likely to know something.
>
> I have an IC-745 and run Logger (16 bit version) and CT for normal and
> contest logging, respectively. The IC-745 outputs certain voltages
> through it's accessory port depending on what band is selected,
> designed to interface with linear amplifiers or antenna tuners.
>
> My question is this: is there a hardware interface I can construct to
> translate those voltages into something that either of those two
> programs can read (CT, hopefully)? I only operate one mode per
> contest, so the only thing I have to switch when I QSY is the band,
> but it'd be nice if the software could automatically change bands when
> the rig does.
>
> The 745 is NOT a computer controllable rig, so this kind of feature
> isn't built in a way that can connect directly to a computer.
>
> Anyone have any way of accomplishing the above? Or, really ambitious,
> anyone modified the 745 enough to accept computer control? Anyone know
> of any antenna tuners that will tune based on band output?
>
>
> Noah
>
>

--

|-----|
 Anthony A. Luscre
 K8ZT
 Stow, Ohio
|-----|
 Visit My Website at
 <http://www.qsl.net/k8zt>
|-----|

Date: Mon, 4 Aug 2003 19:39:11 -0400
From: Rick McKee <kc8aon@juno.com>

To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [155432] 88 foot doublet
Message-ID: <20030804.193915.11078.0.kc8aon@juno.com>

Could someone please give me the web address for W4RNL's info on the 88" doublet ?

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid:
EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters
SW500

QRP-L #2112, FPqrp #33, AR QRP #269
I'll give up CW when I'm dead !

MAYBE !

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Date: Mon, 4 Aug 2003 18:59:43 -0500
From: "Doc - W5TB" <w5tb@arrl.net>
To: <kc8aon@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155433] Re: 88 foot doublet
Message-ID: <006c01c35ae4\$7ea212a0\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

> Could someone please give me the web address for W4RNL's info on the =
88" doublet ?

<http://www.cebik.com/88.html>

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617

Date: Mon, 4 Aug 2003 19:59:03 -0400

From: "Paul Valko" <w8kc@comcast.net>
To: <kc8aon@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155434] Re: 88 foot doublet
Message-ID: <000f01c35ae4\$61e9c720\$6601a8c0@p4main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Rick McKee" <kc8aon@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 04, 2003 7:39 PM
Subject: 88 foot doublet

> Could someone please give me the web address for W4RNL's info on the 88"
> doublet ?

Aside from the fact that there probably isn't a W8RNL 88 inch doublet, I'll
do even better than that Rick! I'll teach you how to search for stuff like
this yourself!

Go to <http://www.google.com>

There will be a little text box near the top of the page, type the words
"W4RNL 88 doublet" into the box and click the "SEARCH" button.

Click on the very first "hit" that Google returns!

It really, really works! You can search and find just about anything.

73! =paul= W8KC

Collector of Ten*Tecs and Other Fine Plastics.

Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Mon, 4 Aug 2003 20:24:32 -0400
From: "Norman Schklar" <norman@schklar.com>
To: <qrp-1@lehigh.edu>
Subject: [155435] Do you remember the Radio Shack book on digital ics?
Message-ID: <!--
UENERkVCMDkAAQACAAAAAAAAAAAAAAAAABgAAAAAAAAAf0aS2LTNrEW6u0ehmwAhKcKEAAAQAAAAgAi+DO
WlyEGjvs9CmBwyuAEAAAAA@schklar.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Chuck or anyone else that can help!

About the time I bought the book on 555s, I bought a book from Radio =
Shack
on ICs and simple circuits. It was blue or green and printed on paper =
with
grid squares. =20
I've lost the book. I thought you might remember the book. If you know =
the
book, I'd appreciate the title or other information I could use to try =
to
find it.

Thanks.

Norm Schklar, WA4ZXV
Norcross, GA wa4zxv@arrl.net, 770-840-9664 --QRP-L member #2499
=20

-----Original Message-----

From: Chuck Carpenter [mailto:w5usj@9plus.net]=20
Sent: Monday, August 04, 2003 3:12 PM
To: Low Power Amateur Radio Discussion
Subject: Tenna-Dipper and Audio Indicator

Did some looking through my electronics library. Found a voltage to =
audio
converter that uses an op amp and 555. It's in a book called "the 555
Timer Applications Sourcebook with Experiments" by Howard M. Berlin,
second printing 1976. =20

This circuit was developed to help visually impaired hams adjust meters =
in
old boat anchor rigs from that period.

The op amp connects across the meter and uses the voltage drop as the
voltage source. The op amp is setup for a gain of 100 and feeds the =
555.

The audio pitch is inversely proportional to the voltage across the =
meter.

The article doesn't say what op amp is used but I guess the 741, the op =
amp
of the day. Parts needed are 8 resistors, two caps, a speaker and the =

ICs.

Uses 12 V.

With some tweaking, 'Dipper and VCO, this circuit would probably work =
quite
nicely connected across the 100 ohm resistor (R10) in the Tenna Dipper.
I'll check it out when my 'Dipper arrives.

Seems like this would be a good audio indicator for the ZM-2 in place of =
or
along with the visual SWR indicator.

Modern digital parts would probably do a better job easier but this =
looks
pretty simple and useful to me. The IC parts are still around and not
expensive.

=20

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 4 Aug 2003 17:58:26 -0700
From: Steve Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [155436] FS: Parts for mobile HV inverter (QRP Toob mobile rig?)
Message-ID: <20030804.175827.-468997.7.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Triad UY-68S inverter power tranny, 250 Volt, 65 mA. Transistors,
sockets, resistors, 4 ea. "top hat" rectifiers (oooh!) and hand-scrawled
schematic. Markings on the trans. sez "Input 12-14 Volts". Couldn't
find an app. sheet for the transformer.

\$10 plus shipping.

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

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Date: Mon, 4 Aug 2003 17:56:23 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [155437] Re: FCC Site
Message-ID: <00e001c35aec\$64448660\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check yourself on QRZ.com...will be there within the first 24 hrs(after FCC issues it, most likely ;-)
Or you can make daily checks back into that same system you just used to apply for<G>

Gary WA6DTX

answered direct but it bounced.

----- Original Message -----

From: "Michael Goins" <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, August 04, 2003 3:55 PM
Subject: FCC Site

Well, it took four phone calls, umpteem trips to the website, and loading JAVA, but I think I got what I needed accomplished.

Anyone have any idea how you actually know if a vanity call was accepted and how to tell when it might be yours? Weeks, I would assume?

Thanks for the space.

72,
mike
wb5yjx
100% Solar station: SW20+, SW30+, NE4040, RockMite40
Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly),
SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,

Alaska QRP 514, QCWA 30857

"Share what you know, learn what you don't."

Date: Mon, 4 Aug 2003 21:09:26 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU, lookup@qrz.com
Subject: [155438] 88' doublet
Message-ID: <20030804.210945.8638.0.kc8aon@juno.com>

Thanks to the ones that replied with the address, and thanks to the one that suggested to use google. The reason I didn't use google at the time was because I was on a computer without internet access, just a very old Juno email only account! I keep and use it in the shack for reading the list mail and keeping in touch with a few ham friends. The xyl was using the internet computer at the time playing solitaire !

PS: The "inch" symbol was only a typo !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid:
EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters
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QRP-L #2112, FPqrp #33, AR QRP #269
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Date: Mon, 04 Aug 2003 21:11:33 -0400
From: Peter Burbank <peterlee@qx.net>
To: norman@schklar.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [155439] Re: Do you remember the Radio Shack book on digital ics?
Message-ID: <5.2.0.9.0.20030804205707.00a03230@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:24 PM 8/4/2003, Norman Schklar wrote:

>Chuck or anyone else that can help!

>

>About the time I bought the book on 555s, I bought a book from Radio Shack
>on ICs and simple circuits. It was blue or green and printed on paper with
>grid squares.

>I've lost the book. I thought you might remember the book. If you know the
>book, I'd appreciate the title or other information I could use to try to
>find it.

>

>Thanks.

Norman,

I believe it was the "Engineer's Mini-Notebook" written by Forrest Mims
III. This was a series of books and I have
a few on CMOS mainly. It's blue and white
Pete NV4V.

>Norm Schklar, WA4ZXV

>Norcross, GA wa4zxv@arrl.net, 770-840-9664 --QRP-L member #2499

>

>-----Original Message-----

>From: Chuck Carpenter [mailto:w5usj@9plus.net]

>Sent: Monday, August 04, 2003 3:12 PM

>To: Low Power Amateur Radio Discussion

>Subject: Tenna-Dipper and Audio Indicator

>

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>converter that uses an op amp and 555. It's in a book called "the 555
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>voltage source. The op amp is setup for a gain of 100 and feeds the 555.

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>
>
>
>
>Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
>QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
>Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Tue, 05 Aug 2003 01:19:39 +0000
From: Larry Cahoon <lejek@erols.com>
To: rattray@gpfn.sk.ca,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155440] Re: W6ELProp
Message-ID: <5.1.0.14.0.20030805011404.01debd80@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Options - the Frequencies and Constants - you modify the constants to what
you want - all in dB.

That should do it. In ACE-HF you have to keep it above 1 watt - in W6ELProp
that would be about -18 db. The underlying model is the constraint not
ACE-HF. The earlier version of ACE-HF didn't have an error trap - the
newer version might. I don't know what W6ELProp does if you go too low.

Enjoy, 73 de Larry.....WD3P
<http://www.wd3p.net/>

At 04:56 PM 8/4/2003 -0600, Bruce Rattray wrote:

>If I've read it right, this program assumes 100 watts on both ends of the
>path...is there a way to change this to 5 watts?...still reading...

>
>..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 4 Aug 2003 21:31:06 -0400
From: "Larry - WA2DGD" <wa2dgd@comcast.net>
To: "Low Power Amateur Radio Discussion" <QRP-L@lehigh.edu>,
<norman@schklar.com>
Subject: [155441] Re: Do you remember the Radio Shack book on digital ics?
Message-ID: <003c01c35af1\$3dffffa70\$6501a8c0@hamroom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a blue book from Radio Shack printed on grid squares called:
Engineers Notebook..Integrated Circuit Applications.. 1980 edition Cat. No.
276-5001

I think its what you are thinking of.

73
Larry
WA2DGD
K2 #1672
ARCI QRP #11215
NJ-QRP# 395

----- Original Message -----

From: "Norman Schklar" <norman@schklar.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, August 04, 2003 8:24 PM
Subject: Do you remember the Radio Shack book on digital ics?

> Chuck or anyone else that can help!

>

> About the time I bought the book on 555s, I bought a book from Radio Shack
> on ICs and simple circuits. It was blue or green and printed on paper
with

> grid squares.

> I've lost the book. I thought you might remember the book. If you know
the

> book, I'd appreciate the title or other information I could use to try to
> find it.
>
> Thanks.
>
>
> Norm Schklar, WA4ZXV
> Norcross, GA wa4zxv@arrl.net, 770-840-9664 --QRP-L member #2499
>
> -----Original Message-----
> From: Chuck Carpenter [mailto:w5usj@9plus.net]
> Sent: Monday, August 04, 2003 3:12 PM
> To: Low Power Amateur Radio Discussion
> Subject: Tenna-Dipper and Audio Indicator
>
> Did some looking through my electronics library. Found a voltage to audio
> converter that uses an op amp and 555. It's in a book called "the 555
> Timer Applications Sourcebook with Experiments" by Howard M. Berlin,
> second printing 1976.
>
> This circuit was developed to help visually impaired hams adjust meters in
> old boat anchor rigs from that period.
>
> The op amp connects across the meter and uses the voltage drop as the
> voltage source. The op amp is setup for a gain of 100 and feeds the 555.
> The audio pitch is inversely proportional to the voltage across the meter.
> The article doesn't say what op amp is used but I guess the 741, the op
amp
> of the day. Parts needed are 8 resistors, two caps, a speaker and the
ICs.
> Uses 12 V.
>
> With some tweaking, 'Dipper and VCO, this circuit would probably work
quite
> nicely connected across the 100 ohm resistor (R10) in the Tenna Dipper.
> I'll check it out when my 'Dipper arrives.
>
> Seems like this would be a good audio indicator for the ZM-2 in place of
or
> along with the visual SWR indicator.
>
> Modern digital parts would probably do a better job easier but this looks
> pretty simple and useful to me. The IC parts are still around and not
> expensive.
>
>
>
>

> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>
>
>

Date: Mon, 4 Aug 2003 21:31:49 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <norman@schklar.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155442] Re: Do you remember the Radio Shack book on digital ics?
Message-ID: <009701c35af1\$59fbd3c0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> About the time I bought the book on 555s, I bought a book from Radio
Shack
> on ICs and simple circuits. It was blue or green and printed on paper
with
> grid squares.
> I've lost the book. I thought you might remember the book. If you know
the
> book, I'd appreciate the title or other information I could use to try
to
> find it.

What you're refering to was probably one of the 'engineering notebooks'
that RS published a few years back. They were available on a wide
variety of subjects, and there may in fact have been one dedicated to
the 555.

I used to have a bunch of them at one time, but I have no idea where
they are now. But if I happen to run into one of them...

Mike

Date: Mon, 04 Aug 2003 21:34:41 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: norman@schklar.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155443] Re: Do you remember the Radio Shack book on digital ics?
Message-ID: <3F2F09B1.1020104@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Norm

I believe the book you're referring to is "Engineer's Notebook - A Handbook of Integrated Circuit Applications", authored by Forrest M. Mims III. Copyright 1979.

At the very least, this book has a blue cover and has the grid-squared paper inside. It may have been part of a series.

72 - A1, K2ZN

Norman Schklar wrote:

> Chuck or anyone else that can help!
>
> About the time I bought the book on 555s, I bought a book from Radio Shack
> on ICs and simple circuits. It was blue or green and printed on paper with
> grid squares.
> I've lost the book. I thought you might remember the book. If you know the
> book, I'd appreciate the title or other information I could use to try to
> find it.
>
> Thanks.
>
>
> Norm Schklar, WA4ZXV
> Norcross, GA wa4zxv@arrl.net, 770-840-9664 --QRP-L member #2499

Date: Mon, 04 Aug 2003 18:08:57 -0800
From: John Pfeifer - =?iso-8859-1?Q?KL=D8WN?= <qrp@johnpfeifer.com>
To: qrp-1@Lehigh.EDU
Subject: [155444] FS: PM3A Power Mite
Message-ID: <5.1.0.14.0.20030804180553.030a81c8@orion.lunarpages.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hello all,

My PM3A Power Mite is for sale. If you are interested in this classic= Ten-Tec two band (40/20) QRP transceiver, please send a message to me= off-list or look for photos of the rig at www.johnpfeifer.com.

Thanks!

John Pfeifer

KL=D8WN
Kodiak, Alaska

Date: Tue, 5 Aug 2003 02:14:18 +0100
From: "Paul Stroud" <aa4xx@bellsouth.net>
To: <qrp-l@lehigh.edu>
Cc: <klqrp@knightlites.org>
Subject: [155445] RE: 40M QRPP Beacon Final Results
Message-ID: <000101c35aee\$e51041b0\$6101a8c0@m1d0u0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang,

This past weekend's 40M QRPP beacon session generated quite a bit of excitement, with reports being received from over 40 stations.

Two different transmitters were used during the weekend--An Argonaut V and a Wilderness Sierra, and both performed quite well. The Argonaut's TCXO held the frequency within 2 hz, and the Sierra's outboard DDS held its frequency to a similar tolerance. The beacon frequency was 7051.0 khz, and referenced to CHU on 7335.0 khz. The output power was held constant at 25mW, monitored with an oscilloscope and with a WM-1 wattmeter. The antenna was a ladderline fed 30M dipole, broadside N/S, up 50'.

Many of the listeners spent a long time digging the codeword "VOLT" out of the QRN. Congratulations to everyone who copied the beacon. Also, many thanks to all the stations who spent time listening to loads of QRN and QRM without hearing any trace of the beacon. I'll be repeating the QRPP sessions this Fall when the QRN levels settle down, so you'll get your chance to try again.

A number of different antennas were used by the listeners, from AF2Q's PAC-12, to AC4UR's 12 ft piece of wire laying on the floor of his shack

due to thunderstorms. Attic dipoles, verticals, beams, and long wires were also successfully used to snare the Tar Heel beacon.

The following stations copied the codeword "VOLT," which was embedded in the beacon string:

KD1YV	CT	Sat	7:00 PM	339	
W1PID	NH	Sat	7:23 PM	339	136' windom
KA3WMJ	PA	Sat	7:45 PM	339	G5RV
AB9CA/4	AL	Sat	11:00 PM	229	1/4 wave vert
VE3ELA	ON	Sun	12:30 AM	339	longwire
AA1MY	ME	Sun	6:30 AM	339	172' EDZ
WA8WV	WV	Sun	7:00 AM	589	
WB4VFN	KY	Sun	9:00 AM	449	
AA2VK	NY	Sun	9:11 AM	229	
K8KFJ	WV	Sun	9:12 AM	449	14AVQ vert
WN4M	TN	Sun	9:30 AM	339	
W4JHR	GA	Sun	10:47 AM	339	
WB9LPU	IN	Sun	11:00 AM	339	75' doublet
KC8AON	OH	Sun	11:20 AM	329	
W9OJ	IN	Sun	11:40 AM	339	
AJ4AY	AL	Sun	12:00 PM	229	horiz loop
K4JSI	MD	Sun	12:02 PM	239	attic doublet
KG8GW	WV	Sun	12:31 PM	539	20M delta loop
KB9BVN	IN	Sun	4:10 PM	229	attic dipole
N9NE	WI	Sun	7:30 PM	119	40M dipole, 44' doublet
KK4RF	VA	Sun	8:15 PM	339	short loaded dipole
AC4UR	FL	Sun	8:30 PM	339	12' wire on floor
AF2Q	NJ	Sun	8:34 PM	339	optimized PAC-12 ant
KA3WTF	PA	Sun	8:57 PM	329	Carolina Windom
KW3F	PA	Sun	10:10 PM	229	short G5RV

* This next one blew me away... Johan got the codeword in 2 hours!

ON5EX	Zevergem, Belgium	229	vertical
-------	-------------------	-----	----------

W0CH in MO and N4SO in AL reported partial copy of the callsign.

Thanks also to the following stns who reported no copy of the beacon:
W5KDJ, AK0B, KM4YY/8, K7Q0, W5USJ, W0AV, VE5RC, KD5SZ, KD4PBJ, AE5K,
N3GO, and KH6B.

It was a great pleasure hearing your comments and reports. Pse send a SASE if you would like a beacon QSL card.

Till next time mny tn timer 72, Paul AA4XX nr. Raleigh, NC

Date: Mon, 04 Aug 2003 20:19:42 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [155446] Re: ogging software and band output
Message-ID: <5.1.1.6.2.20030804200728.00a3ed10@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hmm, does this sound like a PIC project? Read the voltage, produce a serial output showing the correct band (eg, 14000.00 kHz for anywhere on 20M). You'd need a PIC with ADC input and serial port. It shouldn't be too hard to make this work. The biggest hurdle probably is emulating the command and data format for some radio known to Logger and CT.

72,
--Tim (KROU)

>Noah Lorang <NoahLorang@nc.rr.com>:
>
>I have an IC-745 and run Logger (16 bit version) and CT for normal and
>contest logging, respectively. The IC-745 outputs certain voltages through
>it's accessory port depending on what band is selected, designed to
>interface with linear amplifiers or antenna tuners.
>
>My question is this: is there a hardware interface I can construct to
>translate those voltages into something that either of those two programs
>can read (CT, hopefully)? I only operate one mode per contest, so the only
>thing I have to switch when I QSY is the band, but it'd be nice if the
>software could automatically change bands when the rig does.

Date: Mon, 4 Aug 2003 22:28:13 -0400
From: K7VO <k7vo@earthlink.net>
To: mgoins@usa.net
Cc: qrp-l@lehigh.edu
Subject: [155447] Re: FCC Site
Message-ID: <20030804222813.5941e34d.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Mon, 04 Aug 2003 17:55:57 -0500

Michael Goins <mgoins@usa.net> wrote:

> Well, it took four phone calls, umpteem trips to the website, and
> loading JAVA, but I think I got what I needed accomplished.
>
> Anyone have any idea how you actually know if a vanity call was
> accepted and how to tell when it might be yours? Weeks, I would
> assume?

Hi, Mike,

You can track how vanity callsigns are progressing and what you are likely to get at <http://www.vanityhq.com> Their predictions are pretty good, but they got mine wrong :) Still, I got my second choice of vanity call, and I like it fine.

72/73,
Caity
K7VO

Date: Mon, 4 Aug 2003 22:32:07 -0400
From: "Tom Mc" <thom2@worldnet.att.net>
To: <norman@schklar.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155448] Re: Do you remember the Radio Shack book on digital ics?
Message-ID: <003601c35af9\$cf26f820\$5a52580c@x2f6a2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you are into eBay take a look at item # 3039469035 entitled "Engineer's Mini Notebook " with a description "Basic semi conductorcircuits. More than 50 projects like a volt meter, relay driver, siren, timers, bell, lamp dimmer and much more"

It doesn't list the author or the publisher but you can contact the seller---going for \$1.00 as of Monday night - with no takers so far.

Tom
WB2QDG

'The Y has been said to be the home for the remote-control gene, the belching gene and the refuse-to-ask-directions gene.'

--- From 'Genetics Weekly'

-----Original Message-----

From: Norman Schklar <norman@schklar.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, August 04, 2003 8:37 PM
Subject: Do you remember the Radio Shack book on digital ics?

Chuck or anyone else that can help!

About the time I bought the book on 555s, I bought a book from Radio Shack on ICs and simple circuits. It was blue or green and printed on paper with grid squares.

I've lost the book. I thought you might remember the book. If you know the book, I'd appreciate the title or other information I could use to try to find it.

Thanks.

Norm Schklar, WA4ZXV
Norcross, GA wa4zxv@arrl.net, 770-840-9664 --QRP-L member #2499

-----Original Message-----

From: Chuck Carpenter [<mailto:w5usj@9plus.net>]
Sent: Monday, August 04, 2003 3:12 PM
To: Low Power Amateur Radio Discussion
Subject: Tenna-Dipper and Audio Indicator

Did some looking through my electronics library. Found a voltage to audio converter that uses an op amp and 555. It's in a book called "the 555 Timer Applications Sourcebook with Experiments" by Howard M. Berlin, second printing 1976.

This circuit was developed to help visually impaired hams adjust meters in old boat anchor rigs from that period.

The op amp connects across the meter and uses the voltage drop as the voltage source. The op amp is setup for a gain of 100 and feeds the 555. The audio pitch is inversely proportional to the voltage across the meter. The article doesn't say what op amp is used but I guess the 741, the op amp of the day. Parts needed are 8 resistors, two caps, a speaker and the ICs. Uses 12 V.

With some tweaking, 'Dipper and VCO, this circuit would probably work quite nicely connected across the 100 ohm resistor (R10) in the Tenna Dipper. I'll check it out when my 'Dipper arrives.

Seems like this would be a good audio indicator for the ZM-2 in place of or along with the visual SWR indicator.

Modern digital parts would probably do a better job easier but this looks pretty simple and useful to me. The IC parts are still around and not expensive.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 4 Aug 2003 22:48:27 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <mgoins@usa.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155449] Re: FCC Site
Message-ID: <014301c35afc\$0c44cdc0\$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It takes from 18 to 20 days for a vanity callsign to be granted.

If you filed a successful application today, August 4, your new callsign should be granted on Friday, August 22 -- no earlier. That is the date when the callsign should show up on the FCC's ULS. It will then show up on QRZ, etc. a day or so later.

73

Dick K2JQ

----- Original Message -----

From: "Michael Goins" <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Sent: Monday, August 04, 2003 6:55 PM
Subject: FCC Site

> Anyone have any idea how you actually know if a vanity call was accepted and
> how to tell when it might be yours? Weeks, I would assume?

Date: Mon, 04 Aug 2003 22:48:30 -0400
From: Jason Hissong <jhisson1@columbus.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155450] Simple SWR Meter
Message-ID: <3F2F1AFE.90701@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi guys,

I was wondering if there was an SWR Meter kit that is very small and used for indicating SWR with multiple LEDs that would be lit based on how much standing waves you are getting back from the antenna. I think this would be great for HFPack type operations. Anything out there available? I was thinking of designing the circuit myself, but I do not have much experience in the design...

I know the ZM2 tuner uses the LED brightness to show you how much standing waves you are getting back. Maybe something similar?

72,

Jason Hissong
N8XE

Date: Mon, 4 Aug 2003 22:5:43 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [155451] OT:Zaurus 3000 manual?
Message-ID: <4120038253543256@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Am in need of the operating manual(s) for the Zaurus 3000 handheld computer. Anyone have an extra one you will part with, or could you photostat it? I will happily reimburse you for costs to get this done. Thanks in advance for any assistance.

73,
--Doc/K0EVZ

Date: Mon, 4 Aug 2003 22:24:48 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155452] Re: ogging software and band output
Message-ID: <Pine.LNX.4.33.0308042214570.3770-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd be happy to bang one out -- seems fairly trivial. Give me a day or two to play with it.

Dale

On Mon, 4 Aug 2003, Tim Groat wrote:

> Hmm, does this sound like a PIC project? Read the voltage, produce a serial
> output showing the correct band (eg, 14000.00 kHz for anywhere on 20M).
> You'd need a PIC with ADC input and serial port. It shouldn't be too hard
> to make this work. The biggest hurdle probably is emulating the command and
> data format for some radio known to Logger and CT.
>
> 72,
> --Tim (KR0U)
>
> >Noah Lorang <NoahLorang@nc.rr.com>:
> >
> >I have an IC-745 and run Logger (16 bit version) and CT for normal and

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> >it's accessory port depending on what band is selected, designed to
> >interface with linear amplifiers or antenna tuners.
> >
> >My question is this: is there a hardware interface I can construct to
> >translate those voltages into something that either of those two programs
> >can read (CT, hopefully)? I only operate one mode per contest, so the only
> >thing I have to switch when I QSY is the band, but it'd be nice if the
> >software could automatically change bands when the rig does.
>
>

--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Mon, 04 Aug 2003 23:33:49 -0400
From: VE3JC John Cumming <jbcumming@wwdc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155453] Wanted - RACAL 9058 Selective Analyzer Manual
Message-ID: <3F2F259D.7030406@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

A long shot, I know. But if anyone knows where I could get a copy of
the manual &/or schematic for this interesting looking piece of hf test
equipment, I'd be grateful.

72, John VE3JC

Date: Mon, 04 Aug 2003 23:47:15 -0400
From: "Robert K. Henderson" <rk@sympatico.ca>
To: <qrp-l@lehigh.edu>
Subject: [155454] Morse on 11 meters
Message-ID: <BB54A102.8D0%rk@sympatico.ca>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

WHEREAS:

CB is a potential godsend for teaching Morse code, as it's a whole lot more fun to actually communicate with real human beings than to monkey with a computer or sit in a room looking at each other and send artificial "messages" via a code practice oscillator on the coffee table. Wiring up a telegraph between rooms is a little more fun, but if we could recapture the original fun of ham radio, when kids stayed up past their bedtimes and gossiped with their friends via low-power Morse, then we'd really see the learning curve shoot up. It would get them straight into real radio communications and indoctrinate them into the QRP cult right off the bat...

AND WHEREAS:

The few Usenet posts I've found about Morse on American CB (as opposed to Canada, where Morse on CB is apparently A-OK) contain conflicting information and are inconclusive...

I ASK THE FOLLOWING QUESTION:

Is Morse code legal on CB in the US?

Before answering, consider these points:

--CB walkie-talkies, especially the QRPp devices sold to kids, are often Morse capable. Many actually have the code printed on them for the little folks' convenience. Sale and use of these radios is legal. On the other hand, back when CB operators had to get a permit, kids were allowed to use their walkie-talkies without one. So, do the regs make a specific exception for 11 metre QRPp Morse, is it allowed on CB period, or what?

--FCC regulations are often quoted as specifying AM transmissions on 11 metres, but since CB SSB rigs exist and are legal for sale and use, this is obviously not entirely true. So what about CW? (As a transmission mode, distinct from Morse.)

--Finally, let's recognise that the reg against on-air "codes" on CB refers to private codes meant to prevent authorities from monitoring communications. Morse code is neither private nor secret, and does not fall under this regulation.

So how about it, OMS ES YLS? Can I get a ruling?

(I've said it before: I'm a dangerous man.)

--

Rob Henderson
KB7PWJ

See my article "Low Power, Crummy Antenna," QST, December 1999. PDF file
available from the ARRL website:

<http://www.arrl.org/tis/info/pdf/9812057.pdf>

Date: Mon, 4 Aug 2003 20:55:07 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155455] Wanted: Mobile Antenna
Message-ID: <001301c35b05\$851e1090\$706aadcf@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friends,

I am looking for a mobile antenna to mount on my travel trailer for use when
parked only. A Hustler type with a 40 and 20 meter resonator would be
great. Even better would be a bugcatcher type. My funds are limited so I
doubt I could afford the motorized screwdriver types.

What do you have and what is it worth to you? Are you interested in any
kind of trade or cash only?

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Mon, 4 Aug 2003 23:57:37 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: "qrpl" <qrp-1@Lehigh.EDU>
Subject: [155456] FCC data base
Message-ID: <049701c35b05\$b59d87f0\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Lots of folks have been complaining about the FCC web site, but I just can't agree. I took the exam and was informed that I'd passed my extra class license by the Berryville HamFest VE folks about 1500 EDT yesterday. I just checked KM4YY on the FCC data base and it indicated that I had the Extra Class license. Not too shabby response if you ask me. They must be using some of that nasty Microsoft stuff to get the job done!

72 de Lee
KM4YY/8

Date: Tue, 5 Aug 2003 00:15:56 -0400
From: "Paul Valko" <w8kc@comcast.net>
To: <rkh@sympatico.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155457] Re: Morse on 11 meters
Message-ID: <00a401c35b08\$44e23fd0\$6601a8c0@p4main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I ASK THE FOLLOWING QUESTION:
>
> Is Morse code legal on CB in the US?

No.
[Code of Federal Regulations]
[Title 47, Volume 5]
[Revised as of October 1, 2002]
>From the U.S. Government Printing Office via GPO Access
[CITE: 47CFR95.631]

[Page 539-540]

TITLE 47--TELECOMMUNICATION

COMMISSION (CONTINUED)

PART 95--PERSONAL RADIO SERVICES--Table of Contents

Subpart E--Technical Regulations

Sec. 95.631 Emission types.

(c) A CB transmitter may transmit only emission types A1D, H1D, J1D, R1D, A3E, H3E, J3E, R3E. A non-voice emission is limited to selective calling or tone-operated squelch tones to establish or continue voice communications. See Sec. 95.412 (b) and (c).

Date: Mon, 4 Aug 2003 23:22:05 -0500
From: "pschweit" <pschweit@mninter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155458] Crystal radio project
Message-ID: <00d501c35b09\$21d13d60\$d3e7add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking through the mouser catalog for parts for a crystal radio receiver.

What would be "good to exelent"choices for parts combinations for the parralell LC cercuit?
(1.6 to .5) MHZ
I am looking at a 10 mh inductor with a 1-7 pf capacitor.

Any suggestions for a detector diode and a good source for a high impeadence ear phone?

De KA0PGQ
rob

Date: Mon, 4 Aug 2003 23:28:21 -0500
From: "George, W5YR" <w5yr@att.net>
To: <rkh@sympatico.ca>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155459] Re: Morse on 11 meters
Message-ID: <046701c35b0a\$01748580\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rob, just a couple of comments:

Many of the kid's talkies that you mention operate(d) on 49 MHz as Part 15 devices and were not in the CB service. Perhaps those were the kind you saw with the key and code printed on the case.

SSB *is* amplitude modulation. It is single sideband, carrier-suppressed, while the modulation mode we tend to call "AM" is double-sideband, carrier-present. But both are amplitude modulation or "am" for short.

CW is also the same form of a-m in that the amplitude of a carrier-wave signal is being altered in amplitude in accordance with some modulating signal.

So, technically, SSB, AM and CW are all amplitude modulation and hence blessed by the regs to that extent.

What I don't know is whether or not the CB regulations today require ONLY voice modulation and thereby prohibit tone signaling, etc.

To a large extent it doesn't matter since there is only one CB licensee, the entire population of the USA, and clearly little or no effort toward any enforcement of any regulations.

I suspect that an interested group could start code practice sessions daily and draw fire not from the FCC but from other CBers.

But that is another problem . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Robert K. Henderson" <rk@sympatico.ca>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, August 04, 2003 10:47 PM

Subject: Morse on 11 meters

> WHEREAS:

> CB is a potential godsend for teaching Morse code, as it's a whole lot more
> fun to actually communicate with real human beings than to monkey with a
> computer or sit in a room looking at each other and send artificial
> "messages" via a code practice oscillator on the coffee table. Wiring up a
> telegraph between rooms is a little more fun, but if we could recapture the
> original fun of ham radio, when kids stayed up past their bedtimes and
> gossiped with their friends via low-power Morse, then we'd really see the
> learning curve shoot up. It would get them straight into real radio
> communications and indoctrinate them into the QRP cult right off the bat...

>
> AND WHEREAS:
> The few Usenet posts I've found about Morse on American CB (as opposed to
> Canada, where Morse on CB is apparently A-OK) contain conflicting
> information and are inconclusive...

>
> I ASK THE FOLLOWING QUESTION:
>
> Is Morse code legal on CB in the US?
>
> Before answering, consider these points:
>
> --CB walkie-talkies, especially the QRPp devices sold to kids, are often
> Morse capable. Many actually have the code printed on them for the little
> folks' convenience. Sale and use of these radios is legal. On the other
> hand, back when CB operators had to get a permit, kids were allowed to use
> their walkie-talkies without one. So, do the regs make a specific
exception
> for 11 metre QRPp Morse, is it allowed on CB period, or what?
>
> --FCC regulations are often quoted as specifying AM transmissions on 11
> metres, but since CB SSB rigs exist and are legal for sale and use, this
is
> obviously not entirely true. So what about CW? (As a transmission mode,
> distinct from Morse.)
>
> --Finally, let's recognise that the reg against on-air "codes" on CB
refers
> to private codes meant to prevent authorities from monitoring
> communications. Morse code is neither private nor secret, and does not
fall
> under this regulation.
>
> So how about it, OMS ES YLS? Can I get a ruling?
>
> (I've said it before: I'm a dangerous man.)

>
> --
>
> Rob Henderson
> KB7PWJ
>
> See my article "Low Power, Crummy Antenna," QST, December 1999. PDF file
> available from the ARRL website:
>
> <http://www.arrl.org/tis/info/pdf/9812057.pdf>
>

Date: Tue, 5 Aug 2003 00:40:43 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: <rkhsympatico.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155460] RE: Morse on 11 meters
Message-ID: <AGEJJBFLLPLHMOECFDINOMELJCLAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the USA, "CB", Citizens Radio Service, FCC Part 95, Class D (voice) is shared with FCC Part 15 devices.

The FCC Part 15 devices (incidental radiators, low power voice etc) in the case of walkie talkies may have a code key, but Class D devices may not.

Class D is AM only (A3, A3J and even A3H)... NO A0 (thats a ZERO) A1 or A2 and definatly no F3.

Will this stop a CBer from using CW? -- YES -- Not because is is illegal, but because CW requires effort, thought, and dedication... will the rules prevent ASCII, RTTY, Packet or PSK31? -- NO -- I have heard it there... There was even a dedicated Packet [AX.25] BBS in the area at one time as well as a "repeater"!

Date: Mon, 04 Aug 2003 23:07:02 -0700

From: Brian Kassel <K7RE@arrl.net>
To: QRP-L <QRP-L@lehigh.edu>, Bob Patten <n4bp@arrl.net>
Subject: [155461] Spartan Sprint Results - K7RE
Message-ID: <3F2F4986.35FC22D4@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Conditions seemed terrible here
in western SD. Only made 33
QSO's, a new low for me. I sure
hope everyone else did better.
Very slow and deep QSB, coupled
with the usual summertime QRN
did a lot of weaker signals in
at this end. Sure hope next
month is better for all of us.

BAND	Raw QSOs	Valid QSOs	Points	Mults
------	----------	------------	--------	-------

20CW	33	33	66	19
------	----	----	----	----

Totals	33	33	66	19
--------	----	----	----	----

Final Score = 1254 points.

Date: Tue, 05 Aug 2003 01:14:19 -0400
From: Peter Burbank <peterlee@qx.net>
To: qrp-l@lehigh.edu
Subject: [155462] Crystal set question
Message-ID: <5.2.0.9.0.20030805011129.009f60c0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Do a google search on the Xtal Set Society. It comes right up.
Pete NV4V

Date: Tue, 5 Aug 2003 00:13:01 -0500

From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [155463] Re: Simple SWR Meter
Message-ID: <00be01c35b10\$3f0b10c0\$0077da0c@mchsi.com>

Jason: Check this one out and drop Diz a line.

Very nice kit. Can be used independantly or in the enclosure with
a rig. Shows SWR / PWR via LED's
and works great.

<http://partsandkits.com/swr.asp>

72 and GL Jerry N0JRN

----- Original Message -----

From: "Jason Hissong" <jhisson1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 04, 2003 9:48 PM
Subject: Simple SWR Meter

> Hi guys,
>
> I was wondering if there was an SWR Meter kit that is very small and
> used for indicating SWR with multiple LEDs that would be lit based
on
> how much standing waves you are getting back from the antenna. I
think
> this would be great for HF Pack type operations. Anything out there
> available? I was thinking of designing the circuit myself, but I do
not
> have much experience in the design...
>
> I know the ZM2 tuner uses the LED brightness to show you how much
> standing waves you are getting back. Maybe something similar?
>
>
> 72,
>
> Jason Hissong
> N8XE
>

Date: Mon, 4 Aug 2003 22:40:20 -0700

From: Brian Boschma <brianb@tdl.com>
To: qrp-l@Lehigh.EDU
Subject: [155464] Silicon Valley Peaks on the Air: Wed 8/6 @ 9 pm 28350kHz
Message-ID: <1060062020.3f2f434404fde@tdl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

In yet another attempt to raise the heights of QRP portable operation the 10 @ 9 net in Silicon Valley is looking for amateur operators to conquer a peak and attempt to work net control. Portable stations are encouraged to operate QRP, but this is not a necessity (unless you are carrying the equipment on your back). Any high peak will suffice. A possible list is available at www.tdl.com/~brianb/svpota.html . We also encourage 2 meter participation at 146.520MHz (calling freq.).

brian n6iz@arrl.net www.tdl.com/~brianb/svpota.html

This mail sent through IMP: <http://horde.org/imp/>

Date: Tue, 5 Aug 2003 0:45:9 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [155465] FOUND Zaurus manual;need software
Message-ID: <4120038255459101@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Have located the Zaurus ZR-3000 manuals. Thanks to all who responded.

73,
--Doc/K0EVZ

Date: Tue, 5 Aug 2003 00:45:04 -0500
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-1@lehigh.edu
Subject: [155466] Re: FCC Site
Message-ID: <200308050045.04560.w0jrm@arrl.net>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Monday 04 August 2003 07:56 pm, DTX wrote:
> Check yourself on QRZ.com...will be there within the first 24 hrs(after=
FCC
> issues it, most likely ;-)) Or you can make daily checks back into tha=
t
> same system you just used to apply for<G>

When I applied for my vanity call, I checked daily at <http://www.vanityhq.com>. Took a while to load, but it shows daily what calls were issued, which calls the FCC acted upon, etc. Of course, one day I forgot to check, and was flooded with "congrats on the new call!" e-mails that left me wondering if I missed something :^)

72/73/oo
Rob, w0jrm
fp -330

Date: Tue, 05 Aug 2003 06:54:46 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-1@lehigh.edu
Subject: [155467] Additional source of text for CW practice
Message-ID: <5.2.1.1.0.20030805064109.00b72920@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Since so many in this group have at least one program on their system to generate morse practice sessions from ASCII files:

Another excellent source that I have been using for many years is the World Book Encyclopedia. I started with the 1999 edition and now am using the 2002 edition. My only complaint is that every time I use it I have to place the CD into the CD drive. Bummer as I have the disc space on C:\ to load the whole thing...

Any way. There is a random lookup that brings up some 20 topics on the screen. I then scan them looking at topics that I like and click on the box for that topic. This brings up a screen with details. I then do a "Save as..." and save the information in ASCII format to a directory.

I then edit each of the files removing things like English measurements and keep the metric and the last few lines showing sources, etc. I do keep the quotes and left and right parentheses just to make it interesting.

Memorize these:

(is <KN>

) is <KK>

" is <RR>

where <...> indicates the letter combo is sent without letter spacing.

FYI

P.S. The program dual that I have does all this. Some one sent me an email and I lost it about the code speed of the program.

To test any program use the word PARIS repeated with only a single space between each word

PARIS PARIS PARIS PARIS

and then run the program at the desired speed. Watch the second hand of a clock and count the number of times the word is sent in one minute. That is the speed.

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Mon, 4 Aug 2003 23:57:04 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155468] Re: Morse on 11 meters
Message-ID: <20030805065704.26770.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "Robert K. Henderson" <rkh@sympatico.ca> wrote:

> I ASK THE FOLLOWING QUESTION:
>
> Is Morse code legal on CB in the US?

According to the FCC rules, Rule 12 part
B states: You may use your CB station to transmit a
TONE SIGNAL only when the signal is used to make
contact, or to continue communications (Examples: tone
operated squelch, selective calling circuits).

This, and since the only modes allowed are AM and SSB,
would preclude that no, CW is not legal on CB in the
US.

> Before answering, consider these points:
>
> --CB walkie-talkies, especially the QRPp devices
> sold to kids, are often
> Morse capable. Many actually have the code printed
> on them for the little
> folks' convenience. Sale and use of these radios is
> legal.

Most of these toy walkie talkies operate on 49.860,
which is a legal frequency for low-powered devices
(including cordless phone handsets) but is not a CB
frequency. I don't believe that any walkie talkies
that operate on the CB frequencies (usually channel
14) have the Morse code button. I have an old "Space
Patrol" walkie talkie that operates on CB channel 14,
but does not have the Morse button like the 49 MHZ
units do.

> So how about it, OMS ES YLS? Can I get a ruling?

My ruling says that it is not legal, but you'll probably want to get the refs to look at the instant replay. Having said that, while it does not appear to be technically legal, FCC enforcement of rule violations appears to be very lax. I don't think many people would have a problem with CW being sent on the CB frequencies, but if you want to remain strictly legal it doesn't look like it's permitted.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Tue, 5 Aug 2003 07:38:55 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <w0jrm@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155469] Re: FCC Site
Message-ID: <006e01c35b46\$271c24a0\$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You were receiving what you thought were early "congrats" because even the info on Vanity HQ shows up a day later than what is provided on the ULS.

Mike's application was filed yesterday, and now shows up on the ULS. Assuming no errors, and prompt payment, his new callsign should be granted on Friday, August 22, and not a day earlier.

73

Dick K2JQ

----- Original Message -----

From: "Rob Matherly" <w0jrm@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Sent: Tuesday, August 05, 2003 1:45 AM

Subject: Re: FCC Site

> When I applied for my vanity call, I checked daily at
http://www.vanityhq.com.
> Took a while to load, but it shows daily what calls were issued, which
calls
> the FCC acted upon, etc. Of course, one day I forgot to check, and was
> flooded with "congrats on the new call!" e-mails that left me wondering if
I
> missed something :^)

Date: Tue, 05 Aug 2003 06:41:24 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: jhisson1@columbus.rr.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155470] Re: Simple SWR Meter
Message-ID: <3.0.2.32.20030805064124.0082ddc0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jason,

Check out the NJQRP Rainbow Tuner. It's not available as a kit just now
but all the information about it is at their website. (Now included with
the AmQRP site)

http://www.njqrp.org/Rainbow/rb_home.html

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Tue, 05 Aug 2003 07:49:25 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: thom2@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155471] Re: Do you remember the Radio Shack book on digital ics?
Message-ID: <3F2F99C5.2AC5818E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

This is a very good basic book. I have one even though I am an engineer whose degree predates even Radio Shack. Remember though, the circuits are all for through hole devices, and as I remember, the book is long on projects but short on theory.

73

Date: Tue, 5 Aug 2003 16:06:51 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [155472] Special offer from RU-QRP Club
Message-ID: <001801c35b4a\$2dfa6d00\$c4e422c3@OLEG.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dear OM's!
Greetings from Russia!

In August RU-QRP Club to celebrate the First-Year anniversary.
Devoted this date the Club has special offer.
We have made for all World QRPers 100 completely
assembled and tuned microtransceivers "Micro-80".
Ready build trcvr at the same price of a kit!
That is \$15 including post&packing by air-mail.
Yes, turn-on 12V voltage, antenna, CW-key and phones - and you will be in
air!
To evryone ordered trcvr "Micro-80" FREE-of-charge RU-QRP Club's pennant.
The previously orders E-mail direct to the Chairman of RU-QRP Club.

Wish you all the best!
72! de RV3GM Oleg V. Borodin
RU-QRP Club <http://ruqrp.narod.ru>

Date: Tue, 05 Aug 2003 08:13:27 -0400
From: Jason Hissong <jhissong1@columbus.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155473] SWR Meter Kit
Message-ID: <3F2F9F67.5070102@columbus.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi guys,

Thanks for the responses.... I think I will be purchasing the SWR kit from W8DIZ as soon as I get back from vacation. I leave on Thursday... I think this little kit is just what I need for portable ops.

Thanks guys..

72
Jason Hissong
N8XE
<http://www.qsl.net/n8xe>

Date: Tue, 05 Aug 2003 07:17:14 -0500
From: bob evinger <wd9eka@evinger.com>
To: n2uhc@yahoo.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155474] Re: Morse on 11 meters
Message-ID: <3F2FA04A.2060605@evinger.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Okay, I am talking years ago but... Before 49 mhz was used there were 100 mw CB units that had a morse key. When I was about 10(in the early 70's) RS had a toy base unit that had a one channel (14) transceiver and an am broadcast band radio in it that had a morse key on the front along with the chart. Played with that many hours with my sisters. I also remember 100 mw walkie talkies which had the same on channel 14, but that was 30 years ago. About 4 years later I got my ham license.

Tom Severt wrote:

>--- "Robert K. Henderson" <rkh@sympatico.ca> wrote:
>
>
>
>>I ASK THE FOLLOWING QUESTION:
>>
>>Is Morse code legal on CB in the US?
>>

>>
>
>According to the FCC rules, Rule 12 part
>B states: You may use your CB station to transmit a
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>contact, or to continue communications (Examples: tone
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>
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>would preclude that no, CW is not legal on CB in the
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>
>
>
>>Before answering, consider these points:
>>
>>--CB walkie-talkies, especially the QRPP devices
>>sold to kids, are often
>>Morse capable. Many actually have the code printed
>>on them for the little
>>folks' convenience. Sale and use of these radios is
>>legal.
>>
>>
>
>Most of these toy walkie talkies operate on 49.860,
>which is a legal frequency for low-powered devices
>(including cordless phone handsets) but is not a CB
>frequency. I don't believe that any walkie talkies
>that operate on the CB frequencies (usually channel
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>Patrol" walkie talkie that operates on CB channel 14,
>but does not have the Morse button like the 49 MHZ
>units do.
>
>
>
>
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>>
>>
>
>My ruling says that it is not legal, but you'll
>probably want to get the refs to look at the instant
>replay. Having said that, while it does not appear to
>be technically legal, FCC enforcement of rule
>violations appears to be very lax. I don't think many
>people would have a problem with CW being sent on the

>CB frequencies, but if you want to remain strictly
>legal it doesn't look like it's permitted.
>
>
>=====
>Tom Severt N2UHC
><http://www.geocities.com/n2uhc>
>
>-----
>Do you Yahoo!?
>Yahoo! SiteBuilder - Free, easy-to-use web site design software
><http://sitebuilder.yahoo.com>
>
>
>

Date: Tue, 5 Aug 2003 08:17:37 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n2uhc@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155475] Re: Morse on 11 meters
Message-ID: <[004e01c35b4b\\$9189ae20\\$0200a8c0@charter.net](mailto:004e01c35b4b$9189ae20$0200a8c0@charter.net)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Most of these toy walkie talkies operate on 49.860,
> which is a legal frequency for low-powered devices
> (including cordless phone handsets) but is not a CB
> frequency. I don't believe that any walkie talkies
> that operate on the CB frequencies (usually channel
> 14) have the Morse code button. I have an old "Space
> Patrol" walkie talkie that operates on CB channel 14,
> but does not have the Morse button like the 49 MHz
> units do.

Prior to the 23-40 channel change, low power under 100mw units
operated under different rules than regular CBs. When they went
to 40 channel, ALL the units that operated under the different
rule set moved to 49MHz. Anything that remained on 11m had
to adhere to the full rule set that 'regular' CB sets did. That's why
all the 'kids toys' that were on 11m vanished with the change to 40

channel and moved to 49mhz. This included all the units with the morse keys.

It's still legal to use those old units, it's just not legal to manufacture or retail sale them as of Jan 1, 1978. I know a lot of HAMS that went into RSs over those Christmas holidays and bought out all the remaining 23 channel 'type' CB sets for pennies on the dollar, because of them becoming illegal. I had a box at one time where I got a bunch of 'crystal' sets. \$5 for the whole box.

Mike

Date: Tue, 5 Aug 2003 08:39:10 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: qrp-1@lehigh.edu
Cc: jhisson1@columbus.rr.com, w5usj@9plus.net
Subject: [155476] Re: Simple SWR Meter
Message-ID: <200308051239.h75CdA403676@email1.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Jason,

As Chuck Olson wrote, the bridge portion of the Rainbow Tuner is quite useful as an automatic SWR bridge all by itself.

It will work over a range of about 100 mw to 5w with no adjustments. The only control you need is a switch to bypass it when not checking SWR. When switched in-line it senses RF and turns on the active.

The info is there on the web site and it's easy to build separate from the tuner components. I've built several myself as some others. Contact me privately and I can give you some advice on how to do this if you'd like.

BTW, we do offer a kit for the whole tuner from time to time as we can locate the tuning capacitors... No promises but we may have another run at the end of the year.

72/73,

Joe E., N2CX

Chuck Olson wrote:

Jason,

Check out the NJQRP Rainbow Tuner. It's not available as a kit just now but all the information about it is at their website. (Now included with the AmQRP site)

http://www.njqrp.org/Rainbow/rb_home.html

Date: Tue, 05 Aug 2003 08:44:38 -0400
From: Jeremy Cowgar <jc@cowgar.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155477] Tick-1
Message-ID: <3F2FA6B6.5050301@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Does anyone have the pinouts or manual for the Tick 1 keyer anymore? I have a Tick 1 keyer, built but it's old and has been in and out of several radios and the leads are gone. On the circuit board, it says Tick-1, Rev 1.2... Some J points are labeled, such as J3=TX + and GND, J1=DIT/DAH/GND, but what about J2, J5, and J6?

Thanks,

Jeremy
KB8LFA

Date: Tue, 05 Aug 2003 08:46:19 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [155478] Re: Crystal radio project
Message-ID: <3F2F6EDB.20980.954268F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Try the "Crystal Radio Society" <http://www.midnightscience.com/>

John W2AGN

Date: Tue, 5 Aug 2003 08:53:02 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: qrp-1@lehigh.edu
Cc: w5usj@9plus.net
Subject: [155479] Re: Simple SWR Meter
Message-ID: <200308051253.h75Cr2406285@email1.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Gang,

Oops, typing without brain fully engaged is dangerous.

The guy who graciously mentioned the Rainbow Tuner was, of course
Chuck Carpenter, not Chuck Olson.

Sorry about that Chuck(s)...

72/73,

Joe E., N2CX

N2CX wrote:

Jason,

As Chuck Olson wrote, the bridge portion of the Rainbow Tuner is
quite useful as an automatic SWR bridge all by itself.

<SNIP>

Date: Tue, 5 Aug 2003 08:21:22 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: bob evinger <wd9eka@evinger.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155480] Re: Morse on 11 meters
Message-ID: <Pine.LNX.4.33.0308050819280.4832-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 5 Aug 2003, bob evinger wrote:

> Okay, I am talking years ago but... Before 49 mhz was used there were
> 100 mw CB units that had a morse key. When I was about 10(in the early
> 70's) RS had a toy base unit that had a one channel (14) transceiver and
> an am broadcast band radio in it that had a morse key on the front along
> with the chart. Played with that many hours with my sisters. I also
> remember 100 mw walkie talkies which had the same on channel 14, but
> that was 30 years ago. About 4 years later I got my ham license.

I remember it too, Bob, yo're not crazy. 8-) It used to be very common
on the CB walkie talkies, but I haven't paid attention to them in years.
I seem to recall mine were Midland, they has the Morse code printed on
them too and a button for MCW (I think - it's kinda dim now).

Dale

--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Tue, 5 Aug 2003 08:24:51 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155481] Re: Logging software and band output (PIC gadget)
Message-ID: <Pine.LNX.4.33.0308050001510.3848-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My apologies as this is only QRP in the sense that some of us do use big
radios with the drive cranked down for QRP. If this isn't a topic folks
feel appropriate for QRP-L, I'll be glad to move it to email or something.
It's definitely homwbrew, though.

OK, what I have now should respond to a few CI-V commands as if it were an
IC-735. It will detect the voltages and return frequencies of 1800000,
3500000, 7000000, 10000000, 14000000, 21000000, and 28000000 depending on
the voltage seen at the ACC2 connector. If asked for its default address,
it will (should) respond with \$04 as if it were an IC-735. Any other
commands will be rejected (easy to change). I set it up for 9600BPS;
since I don't use logging software or CI-V I don't know if that will work

or not but it would take all of a minute to change.

Only problem is, I don't have an Icom rig to play with to see if any of this works. I have the code compiled for a 12F675, using a /2 voltage divider for the ADC input and a super-simple serial interface to a PC using no level converter - easy enough to change to a MAX232 or whatever if you're uptight about interface specs. Total parts count, one PIC12F675 and four 100K resistors. It would also need a reasonably quiet and well regulated 5V power supply, so maybe a 78L05 and a couple of caps as well.

I've posted the code for anyone who wants to try it. The source is CCS C, so if you only speak assembly -- well, sorry about that. I have everything but the rig... of course if someone wants to ship me their spare ICOM rig, I won't complain. I'd send it back eventually. 8-) I'll be happy to make corrections and post 'em. My biggest question right now is whether there is usually a CR or CR/LF at the end of a CI-V command or response string, or not - if not I'll need to make a few changes.

http://www.botkin.org/dale/icom_band.htm

72,

Dale - NOXAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Tue, 05 Aug 2003 08:43:45 -0400

From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155482] Re: Morse on 11 meters

Message-ID: <3F2FA681.F166CD45@amsat.org>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Paul Valko wrote:

>

> > I ASK THE FOLLOWING QUESTION:

> >

> > Is Morse code legal on CB in the US?

>

> No.

[snip]

> A non-voice emission is limited to selective
> calling or tone-operated squelch tones to establish or continue voice
> communications. See Sec. 95.412 (b) and (c).

I'd say, yes! Make sure you have your squelch engaged and have it break when someone transmits a 27000000 Hz tone to call you, and agree at the end of your transmission that you will continue with voice some time later that year.

Just like with anything else on CB, you need to have a "can do" attitude.

73,
--Alex KR1ST

Date: Tue, 05 Aug 2003 08:51:21 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155483] Re: Morse on 11 meters
Message-ID: <3F2FA849.F0D56882@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Tom Severt wrote:

> B states: You may use your CB station to transmit a
> TONE SIGNAL only when the signal is used to make
> contact, or to continue communications (Examples: tone
> operated squelch, selective calling circuits).

I dunno. I'm about to make that lil' CW adapter for the HTX-10. The way it works is that it injects an (800 Hz) audio tone into the transmitter resulting in a signal that just happens to have the same signature on the air as a CW signal. Since one would be using Morse Code, that would make one heck of a selective calling circuit on CB.

73,
--Alex KR1ST

Date: Tue, 05 Aug 2003 09:36:07 -0400
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: neqrp@jonal.net
Cc: qrp-1@Lehigh.EDU

Subject: [155484] N O T I C E: NEQRP SSB NET TONITE 7:30PM EDST 7.285Mhz+-5Khz

Message-ID: <Law9-F5IYdAhv08Lpn9000275f3@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Will try to have SSB net tonight. Hope band will be in better shape than it has.

Look forward to hearing some familiar callsigns pop out of the ether.

Time: 7:30 PM EDST

Day : Tonight, Tuesday

Freq: 7.295 Mhz plus/minus 5 Khz.

Net control- N1ZSW - Ron - Worcester, MA - Running FT-857 into YES the same old

windom antenna in the attic!!!!

Hear you tonight- Ron

Help STOP SPAM with the new MSN 8 and get 2 months FREE*

<http://join.msn.com/?page=features/junkmail>

Date: Tue, 5 Aug 2003 09:40:51 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <kr1st@amsat.org>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [155485] Re: Morse on 11 meters

Message-ID: <003101c35b57\$32301480\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Tom Severt wrote:

>

> > B states: You may use your CB station to transmit a

> > TONE SIGNAL only when the signal is used to make

> > contact, or to continue communications (Examples: tone

> > operated squelch, selective calling circuits).

>

> I dunno. I'm about to make that lil' CW adapter for the HTX-10. The way

> it works is that it injects an (800 Hz) audio tone into the transmitter

> resulting in a signal that just happens to have the same signature pn

> the air as a CW signal. Since one would be using Morse Code, that would
> make one heck of a selective calling circuit on CB.
>
> 73,
> --Alex KR1ST

The CB toys that had morse keys were not CW. They were audio on AM. And remember, they were only the TOYS below 100mw on CB that went away with the 40 channel change and moved to 49Mhz.

Most CB sets can't really key the carrier by their design. However, if you have a SSB set, transmitting with no audio is 'nothing out'. And, as pointed out, the little kits for CW on the HTX-10 generate an AUDIO tone. Put that in a mic input on any SSB set and you get single tone out. Key that on and off, and you are keying a 'carrier' on and off at the antenna jack.

Yes, I've heard CW on CB. It's there. I'm not sure if it's a bunch of renegade HAMS or some international traffic when the skip is flowing.

Then again, I've also heard TNCs running on CB, 49Mhz, and FRS...

Mike

Date: Tue, 5 Aug 2003 09:50:09 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: <qrp-l@Lehigh.EDU>, <multipigplus@yahoogroups.com>, <fpqrp-l@fpqrp.com>
Subject: [155486] KITS: Freq Ref status 6 Aug 03
Message-ID: <003401c35b58\$7c5af010\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

The PCBs arrived yesterday. Look nice!
ExpressPCB.Com does a nice job on their boards.

So I built one up to see the final end results.
Seems I made a goof. I took the prototype design and changed a cap from 0.1 to 0.2 inch spacing without paying attention to the ground plane under the board. Well guess what...

I'll be sitting in the dunce chair (in basement) with my
dremmel tool cutting an Island around a thru hole to keep the
+12 volts from grounding (shorting) :(
I expect a one day delay in this project. Now to find my dust mask.

ALWAYS prototype a PCB when changes are made...
BEFORE you order production boards!

Did I mention the PCBs look nice :)

<http://partsandkits.com/fref.asp>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Tue, 5 Aug 2003 09:58:29 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155487] RE: [Elecraft] Hakko 936-12 T/C Soldering Station - PRICE DROP!
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428F3C@TX-MSG05-
CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

This is also ESD safe!!

Lee N4MVL

-----Original Message-----

From: J. W. (Dub) Thornton [mailto:dub@oklahoma.net]
Sent: Monday, August 04, 2003 5:55 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [Elecraft] Hakko 936-12 T/C Soldering Station - PRICE DROP!

Tom & group: <http://www.kiesub.com/hakko936.htm> lists the unit at
\$89.95=20

with free shipping &
a large number of tips available on site.

"72" Dub

At 03:54 PM 8/4/2003 -0500, you wrote:

>Folks:

>

>I suspect we may not see much of this for a little while (maybe a
month),=20

>but I just received a flyer from American Hakko, announcing that they
have=20

>DROPPED the Manufacturer's Suggested Retail Price (MSRP) of their most=20

>popular T/C soldering station, the 936-12, from something around \$130
to=20

>\$89.00...!

>

>When this price reduction finally kicks in, we should be seeing some=20

>really competitive prices for this fine T/C station.

>

>Keep your eyes open and if you find a vendor which has dropped their=20

>pricing accordingly, please post it here.

Date: Tue, 05 Aug 2003 16:11:49 +0100

From: Chuck Adams <k7qo@commspeed.net>

To: qrp-l@lehigh.edu

Subject: [155488] [OT] Software search

Message-ID: <5.2.1.1.0.20030805160245.00b85998@mail.commspeed.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I know that this group is basically an antique collectors society of
electronic stuff. :-) With that in mind I need of a couple of items for
an old friend of mine from the college days at A&M (TX).

1. Internet Explorer 5.5 on CD. He says that this old version has an
print preview that M/S took out in later versions.

2. My friend has an old IBM Aptiva M71 computer. IBM messed up the
soundcard (suits followed and rebates occurred) with modem and he wants
to now work on the machine to replace same. But IBM no longer has the
Technical Update CD package, IBM part number 10H2856. So if you have

one let me know. Please.

He has not been on the air decades and so I am helping him out. Sending him a box today with a copy of SSD and I ordered him EMRFD from amazon.com and sending him a few of the NorCal resistor/cap/toroid kits.... Thanks Dougy-poo for doing those. They make great gifts. I'm on way to USPS and am scared of what the postage is going to be on this box..... :-)

Another item. All the SuSE 8.2 Pro discs that I sent out are meant to be kept in circulation and not to wind up in a drawer some where. Please make your own copy and send them on.....

Thanks in advance,

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Date: Tue, 05 Aug 2003 11:20:40 -0400
From: "Robert K. Henderson" <rk@sympatico.ca>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [155489] Teaching Morse on-air, via CB or other
Message-ID: <BB554384.8DA%rk@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

See, this (reg quoted below) is exactly the source of my confusion. The kids' walkie-talkies I've seen are CBs. Most operate on Channel 14; when I was a kid (1970s), my brother had a pair that operated on both 14 and 11. They also had a Morse code switch and the code printed on the face plate, both of which he and I took full advantage of.

> [Code of Federal Regulations]
> [Title 47, Volume 5]
> [Revised as of October 1, 2002]
> From the U.S. Government Printing Office via GPO Access
> [CITE: 47CFR95.631]
>
> [Page 539-540]
>
> TITLE 47--TELECOMMUNICATION

>
> COMMISSION (CONTINUED)
>
> PART 95--PERSONAL RADIO SERVICES--Table of Contents
>
> Subpart E--Technical Regulations
>
> Sec. 95.631 Emission types.
>
> (c) A CB transmitter may transmit only emission types A1D, H1D, J1D,
> R1D, A3E, H3E, J3E, R3E. A non-voice emission is limited to selective
> calling or tone-operated squelch tones to establish or continue voice
> communications. See Sec. 95.412 (b) and (c).

So this reg is apparently not at issue. But Bob has suggested to me in a direct e mail that the QRPP HTs are actually Part 15 devices, and as such are Morse-legal. It's the 4w that changes things. This may explain the discrepancy.

Thanks George for an enlightening post. I agree that CB seems a no-man's land. On the other hand, just let me key down once and black-suited machine-gun toting FCC goons will be kicking down my unlocked door within hours, in the first federal CB enforcement action in twenty years. The technical term for this is "Rob's Famous Luck." As for teeing off CBers, well, if so, I little sympathy, given the sort of on-air behaviour that passes uncondemned on those channels every day. Seems like CW would be the least offensive infraction on CB since ham radios were made by Ford.

I wonder how many mountains we'd have to move to get a sliver of bandwidth for code learners? They could make them take an extremely short and cursory written test, then issue a temporary permit to operate CW at 4 watts to a severely restricted antenna, for the express purpose of learning code. Given the local nature of the signals in question and the small pool of interested parties, the chunk of band could be very narrow indeed.

That's what's missing from our code teaching efforts right now: real live interaction. I know kids would freak if we could offer them that; many find Morse much more attractive than voice, but ironically, voice is the only mode they're allowed to operate without a full-fledged ham license.

--

Rob Henderson
KB7PWJ

See my article "Low Power, Crummy Antenna," QST, December 1999. PDF file available from the ARRL website:

<http://www.arrl.org/tis/info/pdf/9812057.pdf>

Date: Tue, 5 Aug 2003 11:56:10 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <k7qo@commspeed.net>
Subject: [155490] Re: [OT] Software search
Message-ID: <000901c35b6a\$177a2e10\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck

1) IE 6.SP1 has the print preview. My machine with 5.5 went west so I couldn't check there, but I do seem to remember looking for it once and not finding it. Sure it wasn't 5.0 that had it? My 5.5 was pretty early.

2) It would be startling if IBM didn't have the drivers. They must be hams there, their support site is just full of old, grody stuff they've packed away. HOWEVER, just knowing M71 isn't enough. You need to know the model number, a 7 digit combination of letters and numbers. The Aptiva M71 is just a marketing name, the real number is something like 2631-7C8. For example, my ThinkPad A21 is actually a 2647-8AU. There are 4 or 5 different flavors of ThinkPad A21's out there. Then go to <http://www.ibm.com/support/us/>. If you can't tell which of the dozens of numbers IBM puts on these boxes is the right one, they have help in recognizing it. On the Aptiva, where they put it depends on the particular box - they have pictures of all the boxes.

I bet you'll find the driver, although you might not find the CD.

Hope this helps

72 de WB8RCR

----- Original Message -----
From: "Chuck Adams" <k7qo@commspeed.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 05, 2003 11:11 AM
Subject: [OT] Software search

>
> Gang,
>
> I know that this group is basically an antique collectors society of
> electronic stuff. :-) With that in mind I need of a couple of items for
> an old friend of mine from the college days at A&M (TX).
>
> 1. Internet Explorer 5.5 on CD. He says that this old version has an
> print preview that M/S took out in later versions.
>
> 2. My friend has an old IBM Aptiva M71 computer. IBM messed up the
> soundcard (suits followed and rebates occurred) with modem and he wants
> to now work on the machine to replace same. But IBM no longer has the
> Technical Update CD package, IBM part number 10H2856. So if you have
> one let me know. Please.
>
> He has not been on the air decades and so I am helping him out. Sending
> him a box today with a copy of SSD and I ordered him EMRFD from amazon.com
> and sending him a few of the NorCal resistor/cap/toroid kits.... Thanks
> Dougy-poo
> for doing those. They make great gifts. I'm on way to USPS and am scared
of
> what the postage is going to be on this box..... :-)
>
> Another item. All the SuSE 8.2 Pro discs that I sent out are meant to be
> kept in circulation and not to wind up in a drawer some where. Please
make
> your own copy and send them on.....
>
> Thanks in advance,
>
>
>
> Chuck Adams K7QO k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60
>
>

Date: Tue, 05 Aug 2003 09:01:49 -0700
From: Jim Pruitt <PruittJ@cwu.EDU>
To: k7qo@commspeed.net, qrp-1@Lehigh.edu
Subject: [155491] Re: [OT] Software search
Message-ID: <sf2f7293.027@hermes.cwu.edu>
MIME-version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-disposition: inline

Hello Chuck.

I need more info.

Do you actually need the browser on CD or would a link to something that has it be ok? I can make you a cd if need be but I go to Dan Petri's (<http://www.petri.co.il/>) site at http://www.petri.co.il/download_ie_packages.htm and depending on which service pack of IE 5.5 he lists on that page the following links: http://browsers.evolt.org/?ie/32bit/5.5_SP2 for IE5.5 SP2 and is an 85MB download so not for faint of heart or slow of bandwidth and speed!

If you want IE 5.5 SP1 go to http://browsers.evolt.org/?ie/32bit/5.5_SP1 and again is 85mb! They also have the Mime patch there.

If you IE5.5 no SP then go to: <http://browsers.evolt.org/?ie/32bit/5.5> and they also have the Spoof patch there.

If you do need it on CD let me know and will burn one and get it to you.

Hope that helps.

Good luck.

Jim Pruitt

>>> Chuck Adams <k7qo@commspeed.net> 08/05/03 08:11AM >>>

Gang,

I know that this group is basically an antique collectors society of electronic stuff. :-) With that in mind I need of a couple of items for an old friend of mine from the college days at A&M (TX).

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soundcard (suits followed and rebates occurred) with modem and he wants to now work on the machine to replace same. But IBM no longer has the Technical Update CD package, IBM part number 10H2856. So if you have one let me know. Please.

He has not been on the air decades and so I am helping him out. Sending him a box today with a copy of SSD and I ordered him EMRFD from amazon.com and sending him a few of the NorCal resistor/cap/toroid kits.... Thanks

Dougy-poo for doing those. They make great gifts. I'm on way to USPS and am scared of what the postage is going to be on this box..... :-)

Another item. All the SuSE 8.2 Pro discs that I sent out are meant to be kept in circulation and not to wind up in a drawer some where. Please make your own copy and send them on.....

Thanks in advance,

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: 05 Aug 2003 19:06:28 +0300
From: Paul <mooney@cytanet.com.cy>
To: k7qo@commspeed.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155492] Re: [OT] Software search
Message-ID: <1060099588.1789.8.camel@localhost>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Tue, 2003-08-05 at 18:11, Chuck Adams wrote:

> Gang,
>
> I know that this group is basically an antique collectors society of
> electronic stuff. :-) With that in mind I need of a couple of items for

> an old friend of mine from the college days at A&M (TX).
>
> 1. Internet Explorer 5.5 on CD. He says that this old version has an
> print preview that M/S took out in later versions.
>
> 2. My friend has an old IBM Aptiva M71 computer. IBM messed up the
> soundcard (suits followed and rebates occurred) with modem and he wants
> to now work on the machine to replace same. But IBM no longer has the
> Technical Update CD package, IBM part number 10H2856. So if you have
> one let me know. Please.
>
> He has not been on the air decades and so I am helping him out. Sending
> him a box today with a copy of SSD and I ordered him EMRFD from amazon.com
> and sending him a few of the NorCal resistor/cap/toroid kits.... Thanks
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>
>
> Chuck Adams K7QO k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60
>

Try <http://www.modem-drivers.com/drivers/19/19062.htm> for the Aptiva
drivers,

Re IE print preview, why not try another browser, e.g. Opera? or even
give him a copy of SuSE 8-)

Paul M.

Date: Tue, 5 Aug 2003 13:02:28 -0400
From: "Mike Boatright" <ko4wx@mindspring.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Cc: <k7re@arrl.net>
Subject: [155493] Re: Spartan Sprint Results - K7RE
Message-ID: <NFBBIILMKCMIIILGKAJMBLAECOCCLAA.ko4wx@mindspring.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brian,

You had a booming signal into Georgia last night. I can confirm that conditions stank on our coast, at least. Nice long skip on 20, but we had a bunch of big boomers making a total wreck of the ether. I read somewhere that to be happy in QRP, you set reasonably achievable goals. Last night, mine was 10 QSO's running 1W. I made that in 1/2 hour, said to myself "this is too much like work" and hung it up...

72 de Mike, K04WX

Date: Tue, 5 Aug 2003 10:16:45 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [155494] American QRP Club Announces Kits for Kids Program
Message-ID: <006a01c35b75\$5b11f2b0\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The American QRP Club is pleased to announce their first "Kits for Kids" project. NorCal has been giving away kits to kids for years at hamfests and qrp forums, and we have had a lot of fun doing it. We may have set an all time record at Ft. Tuthill by giving away 19 NorCal keyer kits, all to kids under 16. We believe that this encourages kids to build and learn about our great hobby. One thing that we always do is make sure that there is an "elmer" who will help to build the kit in case there are any problems.

Jim Cates, WA6GER, decided that we need to do more of this, and make it even bigger. A few years ago, we did the "NorCal 20 buy one, we will ship one to a third world country" kit program. That project is still going on, George Dobbs has a basement full of kits that are slowly going out to worthy recipients, and it is working quite well. But when we did that program, we received quite a lot of criticism for giving the radios away to third world countries, and not helping the young people in our country. So, Jim says that it is now time to change that. We pledged to support getting kids involved in ham radio, qrp and CW when we formed the American QRP Club, and Jim says it is time to start.

Here is the deal.

If you order a special "2 for \$20" NorCal Keyer kit and include the name and call of the young person you will be giving the second kit to (or name and address if unlicensed), NorCal will ship you 2 NorCal Keyer kits. One will be a normal keyer kit, that one is for you. The second one will be a special "youth kit". We had builder extraordinaire Jim Kortge do a presentation that will be on the AmQRP website, www.amqrp.org. His wonderful presentation takes you step-by-step through building a NorCal keyer and mounting it into an Altoids tin. In it, he uses a set of connectors and controls that will be included in the special "youth kit".

When Jim finished, he commented to me that it would be a lot better if the kits for the kids had all the parts in it, including a low current consumption voltage regulator. It was a great suggestion and we implemented it, but only in the kits for kids. We developed a "special version of a NorCal Keyer for kids", one that has all the parts that Jim used to package the project in an Altoids tin.

So, your kit will cost you the regular \$15, the second kit will cost an additional \$5, but will include all of the connectors and controls to build and mount the kit into an Altoids tin, just like Jim Kortge!! Both kits will be shipped to you, and you get the fun of "giving" it to a kid!! Remember, that is one regular keyer kit, and one special keyer kit that has all the connectors and controls, plus a special low current regulator that will NOT run your 9V battery down!! You will need to commit to helping him by going to the Web page and showing him the neat article by Jim. And, when you get the keyers built, you and your "Kid" can use the keyers to practice sending each other code! It becomes a "code practice" oscillator!!

I have seen lots of postings on this list about how we need to do something to encourage kids, I have seen postings about "CW is going away", I have seen postings about how the hobby is dying and so is the art of CW. If you want to do something about, now is your chance. The American QRP Club needs your help to make this go. I have had the "thrill" many, many times of seeing the look on a kid's face when I gave him his kit, now you can be a part of that.

It is a win-win deal, and you get to be a partner with American QRP Club in this venture. If you want to take advantage of this offer, send a check or money order for \$20 to:

Doug Hendricks
2 for 20 NorCal Keyer Offer

862 Frank Ave.
Dos Palos, CA 93620

Let's get the youth of America building, operating CW, and let them know that you and the American Qrp Club cares about them.

Here is a listing of what you will get.

1 Normal NorCal Keyer Kit
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All the parts and pcboard of the Normal NorCal Keyer Kit Plus:
1 Mono 3.5MM Jack
1 Stereo 3.5MM Jack
1 Battery Snap for 9V Battery
1 100K pot
1 511-LE50ABZ Low Current 5V regulator (replaces 78L05 in Normal Kit)
1 2.2uF radial Tantalum Capacitor

We would love to have you send digital photos of your "kid" with his completed kit when you finish, so we can post it on a special section of the American QRP Club website. Even better would be a picture of you and your "kid" together.

Special thanks to Jim Kortge, K8IQY for all of his work on this project, Chuck Olson of Jackson Harbor Press, Jim Cates, WA6GER for coming up with the idea, and you, the qrpers who participate. 72, Doug

Date: Tue, 05 Aug 2003 18:22:50 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: Jim Pruitt <PruittJ@cwu.EDU>, qrp-1@Lehigh.edu
Subject: [155495] Re: [OT] Software search
Message-ID: <5.2.1.1.0.20030805182124.00bc2eb0@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>

Thanks to Jim and Paul and others,

I can download the stuff as I do have a 512Mbps link now. :-)

For the Aptiva the type # is 2168, so I'll point my friend to the info and see if he can fix it from there.

dit dit es many tnx,

Chuck Adams K7Q0 k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Tue, 5 Aug 2003 12:24:08 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155496] RE: Spartan Sprint Results - K7RE
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428F3E@TX-MSG05-CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Is it like a bad day at work or a good day at work <g>??

Lee N4MVL

-----Original Message-----
From: Mike Boatright [mailto:ko4wx@mindspring.com]
Sent: Tuesday, August 05, 2003 1:02 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Spartan Sprint Results - K7RE

Brian,

You had a booming signal into Georgia last night. I can confirm that conditions stank on our coast, at least. Nice long skip on 20, but we = had a bunch of big boomers making a total wreck of the ether. I read = somewhere that to be happy in QRP, you set reasonably achievable goals. Last = night, mine was 10 QSO's running 1W. I made that in 1/2 hour, said to myself = "this is too much like work" and hung it up...

72 de Mike, K04WX

Date: Tue, 5 Aug 2003 14:05:15 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <ki6ds@dospalos.org>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Lindquist, Rick, N1RL" <n1rl@arrl.org>
Subject: [155497] RE: American QRP Club Announces Kits for Kids Program
Message-ID: <721D3436A7C2B344A301FD4A413C71A90173557A@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Doug,

First, as the guy who hounded you to become an ARRL member, I should now =
be a proud member in good standing of the AQRPC. Hey, I can put up or =
shut up, too! :-)

Second, do ensure that any such programs as this are called to the =
attention of the ARRL News Dood, Rick Lindquist, N1RL@arrl.org. I think =
that this sort of good work should be publicized as much as possible, if =
you think you can keep up with the demand that significant publicity =
might generate. =20

As your official low friend in high places in the ARRL Lab, you can =
always send such things to me and ask me to hand carry them to Rick. I =
can put in a good word for such good things.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Doug Hendricks [mailto:ki6ds@dospalos.org]

> Sent: Tuesday, August 05, 2003 1:17 PM
> To: Low Power Amateur Radio Discussion
> Subject: American QRP Club Announces Kits for Kids Program
>=20
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> The American QRP Club is pleased to announce their first=20
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>=20

>=20
>=20
>=20
>=20

Date: Tue, 5 Aug 2003 11:45:59 -0700 (PDT)
From: Jeff Harris <jeffreyh@u.washington.edu>
To: qrp-1@Lehigh.EDU
Subject: [155498] LM386 problems
Message-ID: <Pine.A41.4.44.0308032139160.107242-100000@dante50.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am working on a homebrew reciever, which I'd intended to have use a 386-based audio amplifier. The amplifier schematic itself is from the 386 data sheet (the one listed "AM Radio Power Amplifier"). Problem is, while testing it with the input from an old Heathkit audio generator, either one of two things happen: (1) no output is heard from the speaker or (2) very loud output is heard from the speaker, which corresponds well to the frequency of the input. The amplifier seems to work (ie #2) if the input has a high enough amplitude or frequency.

I've tried everything I can think of, such as removing the capacitor from the gain pins, removing or increasing the capacitance from the bypass pin to ground, etc. Nothing really works. There initially seemed to be some benefit to putting a big (4700uF) capacitor from the bypass pin to ground, but after soldering it on, the same basic problem remained.

I might mention that this has been run from both an old 9V battery and a 12V power supply, and is built Manhattan Style. It seems to draw 2.5-3mA (actually, in its latest configuration, it seems to decrease with time), and it is noted that the DC level on the output pin (when there is no input) is 11V with a 12V supply.

This problem sound familiar to anyone? Have I blown the chip?

-Jeff

Date: Tue, 5 Aug 2003 14:54:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jeffreyh@u.washington.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [155499] Re: LM386 problems
Message-ID: <001401c35b83\$009ae360\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, before you think the worst...

Sit down, and put the schematic away and DON'T LOOK AT IT!

Then, relax, grab a brew or a juice, take a break.

THEN, go back and TRACE OUT the schematic and draw it on paper. Draw what you find. Make absolutely NO assumptions! Trace EVERYTHING out.

Finally, compare your schematic to what you were supposed to build...

Mike

Date: Tue, 5 Aug 2003 12:19:02 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155500] Re: LM386 problems
Message-ID: <000901c35b86\$6e1597c0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jeff,

The LM386 shouldn't be tough to get working if the IC is operational. The quiescent current is usually in the range of 4 to 5mA, so your IC is running a little low which might indicate some internal problem.

A problem that I have encountered in the past with the LM386 is self oscillation. If you have a scope, that is a quick way to check for oscillation. But usually self oscillation results in high operating current, not low.

The LM386 indeed requires the series RC network from the output to ground. Interestingly, in the AM radio circuit that you cite they include a ferrite bead across the series resistor. Try removing the bead. Most of the other

circuits use a 10-ohm in series a 0.05uF capacitor. I might give that a try. And another thing to try is connecting a large value (220 - 470uF) electrolytic capacitor from the power supply pin (6) to ground. There may be a decoupling issue your fighting.

If all this fails, I would try another LM386.

Regards, Thomas - AC7A (Tucson)

Date: Tue, 5 Aug 2003 12:24:41 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Lindquist, Rick, N1RL" <n1rl@arrl.org>
Subject: [155501] Re: American QRP Club Announces Kits for Kids Program
Message-ID: <009201c35b87\$39abaa50\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you Ed for the kind words. As soon as the parts come in, I will send a set of kits to the ARRL for their use. It will also have the article by Jim Kortge with it. We would appreciate any and all publicity we can get for this. We feel that it is an excellent way to get kids involved. Later, we plan on doing more simple kits for kids. Stay tuned. And thank you for joining American QRP Club. 72, Doug

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <ki6ds@dospalos.org>; "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Lindquist, Rick, N1RL" <n1rl@arrl.org>
Sent: Tuesday, August 05, 2003 11:05 AM
Subject: RE: American QRP Club Announces Kits for Kids Program

Doug,

First, as the guy who hounded you to become an ARRL member,I should now be a proud member in good standing of the AQRPC. Hey, I can put up or shut up, too! :-)

Second, do ensure that any such programs as this are called to the attention of the ARRL News Dood, Rick Lindquist, N1RL@arrl.org. I think that this sort of good work should be publicized as much as possible, if you think you

can keep up with the demand that significant publicity might generate.

As your official low friend in high places in the ARRL Lab, you can always send such things to me and ask me to hand carry them to Rick. I can put in a good word for such good things.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Doug Hendricks [mailto:ki6ds@dospalos.org]

> Sent: Tuesday, August 05, 2003 1:17 PM

> To: Low Power Amateur Radio Discussion

> Subject: American QRP Club Announces Kits for Kids Program

>

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> by going to the Web page and showing him the neat article by
> Jim. And, when
> you get the keyers built, you and your "Kid" can use the
> keyers to practice
> sending each other code! It becomes a "code practice" oscillator!!
>
> I have seen lots of postings on this list about how we need
> to do something
> to encourage kids, I have seen postings about "CW is going
> away", I have
> seen postings about how the hobby is dying and so is the art
> of CW. If you
> want to do something about, now is your chance. The American
> QRP Club needs
> your help to make this go. I have had the "thrill" many,
> many times of
> seeing the look on a kid's face when I gave him his kit, now
> you can be a
> part of that.
>
> It is a win-win deal, and you get to be a partner with
> American QRP Club in
> this venture. If you want to take advantage of this offer,
> send a check or
> money order for \$20 to:
>
> Doug Hendricks
> 2 for 20 NorCal Keyer Offer
> 862 Frank Ave.
> Dos Palos, CA 93620
>
> Let's get the youth of America building, operating CW, and
> let them know
> that you and the American Qrp Club cares about them.
>
> Here is a listing of what you will get.
>
> 1 Normal NorCal Keyer Kit
> 1 "Kits for Kids" NorCal Keyer Kit containing:
> All the parts and pcboard of the Normal NorCal Keyer Kit Plus:
> 1 Mono 3.5MM Jack

> 1 Stereo 3.5MM Jack
> 1 Battery Snap for 9V Battery
> 1 100K pot
> 1 511-LE50ABZ Low Current 5V regulator (replaces 78L05 in Normal Kit)
> 1 2.2uF radial Tantalum Capacitor
>
> We would love to have you send digital photos of your "kid" with his
> completed kit when you finish, so we can post it on a special
> section of the
> American QRP Club website. Even better would be a picture of
> you and your
> "kid" together.
>
> Special thanks to Jim Kortge, K8IQY for all of his work on
> this project,
> Chuck Olson of Jackson Harbor Press, Jim Cates, WA6GER for
> coming up with
> the idea, and you, the qrpers who participate. 72, Doug
>
>
>
>
>

Date: Tue, 5 Aug 2003 12:26:18 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155502] Re:American QRP Club Announces Kits for Kids Program
Message-ID: <000901c35b87\$727700a0\$e54dbad0@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congratulations to Doug, Jim and everybody associated with this project.
Hopefully this trend will grow to include simple receivers and other
projects to help our younger hams (and wanna-be hams) enjoy the best hobby
in the world.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Tue, 5 Aug 2003 12:34:23 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155503] Re: Morse on 11 meters
Message-ID: <20030805193423.57725.qmail@web9601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Mike Yettsko <myettsko@insydesw.com> wrote:

> Yes, I've heard CW on CB. It's there. I'm not sure
> if it's a bunch of
> renegade HAMS or some international traffic when the
> skip is flowing.
>
> Then again, I've also heard TNCs running on CB,
> 49Mhz, and FRS...

Back when I was still on packet in the mid-90's, there was some discussion as to whether or not packet was legal on CB channels. The general consensus was that it is not, but I'm sure that's not going to stop anyone from setting up a packet network.

But, like CW, I seriously doubt the FCC is going to waste time worrying about whether or not it's legal, unless they get a few complaints or something.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Tue, 5 Aug 2003 12:46:55 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [155504] Sniffer Kits Update + Sniffer Boards
Message-ID: <00aa01c35b8a\$54f93ae0\$1fdbd7a8@DOUG>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I was on the phone with George Heron yesterday and he told me that there are only 28 kits left of the neat little NJQRP Club RF Sniffer kit. This is the kit that was such a hit at Atlanticon this year. It was designed by Joe Everhart, N2CX, QRP Hall of Famer, and one of the top designers today. Joe is the guy who has written the "Joe's Quickie" series for Mike C's column all of these years. The reason that I am alerting you to this is that when these kits are gone, that is it. There are no more meters to do more kits at a reasonable price. Now that we are down to the wire, please email George to make sure that he has a kit for you. The cost is \$25 and includes free shipping in the US. If you are DX, you gotta add \$5 for shipping. Here is the address for a snail mail order:

George Heron, N2APB
2419 Feather Mae Ct
Forest Hill, MD 21050

Be sure to enclose a self addressed mailing label, it helps a bunch. And if you really want to take care of it right now, you can use Pay Pal to order the kit go to:

<http://www.njqrp.org/sniffer/index.html>

scroll down to the paypal symbol and click on it. Simple as that!!

I also talked to Joe Porter, and he has plenty of the Pittsburg Style boards on hand ready to ship. The Pittsburg Sniffer board is a pcboard that has all of the pads and traces already etched on the boards. Joe has done all of your layout work for you. Now, all that you have to do is solder on the parts. He sells the boards and a manual for \$5, which is one heck of a deal.

I would suggest that you also order a board from Joe if you are ordering the Sniffer kit, or if you have already ordered a sniffer kit and have not built it, you will be glad that you ordered the Pittsburg Sniffer board when you see how easy it makes the project to build, and how nice it looks when you are finished. To order the Pittsburg Sniffer board, send a check or money order for \$5 to:

Joe Porter
Pittsburg Sniffer Board
306 East Hudson
Pittsburg, KS 66762

If you want to see the board and layout, go to:

http://www.njqrp.org/sniffer/pittsburg-style_pcb.html

Remember, when these are gone, no more will be kitted. It is an excellent kit for beginners by the way.

72, Doug

Date: Tue, 5 Aug 2003 14:17:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@LeHigh.EDU>
Subject: [155505] Fox - Summer Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0308051415040.3095-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #17 - K3ESE -

The Cajun Thunder - 48

Wayne - K5E0A *
Vern - AA50 *
Wayne - N5YFC *
Jim - N5IB *
Mike - VA6MJT

The Cheeseheads - 0

Jerry - N9AW
Rick - NK9G
Jim - WA9TZE
Gary - W9XT
and one more.

The NE-TX Tornados - 70

Lew - N5ZE *
Joe - KK5NA * Clean
Wayne - W5KDJ * Sweep
Doc - W5TB *
George - W5YR *

...any corrections, please e-mail me direct...72 - Bruce (VE5RC+VE5QRP)

Date: Tue, 05 Aug 2003 20:17:06 +0000
From: Larry Cahoon <lejek@erols.com>
To: w0jrm@arrl.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155506] Re: FCC Site
Message-ID: <5.1.0.14.0.20030805201525.01e0d0b0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

If you don't like the FCC site just check one of the other QSL lookup sites. Some of them are real quick about getting their databases updated. You can key in the call you were trying to get or your name and see what comes up.

73 de Larry.....WD3P
<http://www.wd3p.net/>

At 12:45 AM 8/5/2003 -0500, Rob Matherly wrote:
>On Monday 04 August 2003 07:56 pm, DTX wrote:
> > Check yourself on QRZ.com...will be there within the first 24 hrs(after FCC
> > issues it, most likely ;-) Or you can make daily checks back into that
> > same system you just used to apply for<G>
>
>When I applied for my vanity call, I checked daily at
><http://www.vanityhq.com>.
>Took a while to load, but it shows daily what calls were issued, which calls
>the FCC acted upon, etc. Of course, one day I forgot to check, and was
>flooded with "congrats on the new call!" e-mails that left me wonderng if I
>missed something :^)
>
>72/73/oo
>Rob, w0jrm
>fp -330

Date: Tue, 05 Aug 2003 15:52:06 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>

Message-ID: <712HHeu1g8944S03.1060116726@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

PSK-20, built by me, and checked and aligned by Dave Benson. =

New, never used. I hate to part with it, but I decided not to make the move to
Kansas and I'm still between teaching positions at the moment.

\$150 shipped

72,
mike
wb5yjx
100% Solar station: SW20+, SW30+, NE4040, RockMite40
Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857

"Share what you know, learn what you don't."

Date: Tue, 5 Aug 2003 14:44:48 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155508] OT: Antivirus Software
Message-ID: <001301c35b9a\$cb671ed0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been using Norton antivirus software for the past year, but got nailed
by a virus that went specifically after the Norton software. It seemed
somewhat paradoxical to me that this virus protection software couldn't
protect itself against a virus. Too that end, I am now shopping for

different antivirus software.

I recall a fellow on the list who is using antivirus software from Europe, and he was pleased with its performance. It was from somewhere like Slovenia! I'd like to hear what others are using before I make a decision. Please answer me offline.

Thanks, Thomas - AC7A (Tucson)

End of QRP-L Digest 3003
